

DRILL HOLES

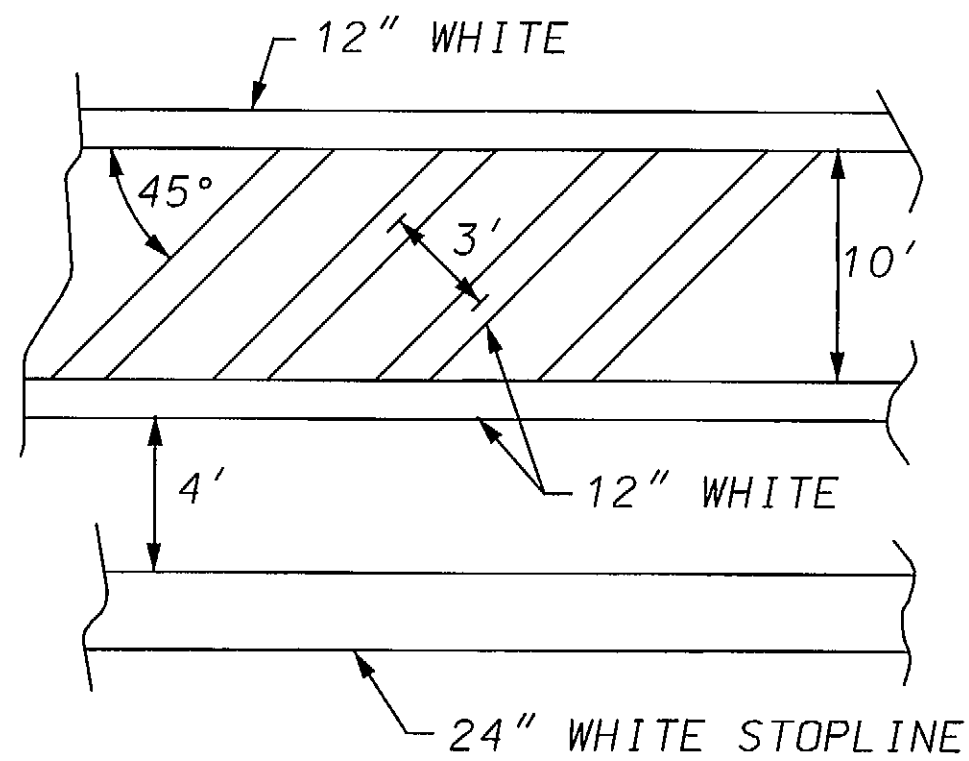
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BORDER REV. DATE: June 1, 2004

MIDDLEBROOK RD IS
CONSIDERED TO RUN IN AN
EAST-WEST DIRECTION

CROSSWALK / CROSSHATCH TYPICAL
SCALE: 1"= 5'



MIDDLEBROOK RD

PROPOSED SIDEWALK

RIGHT OF WAY LINE

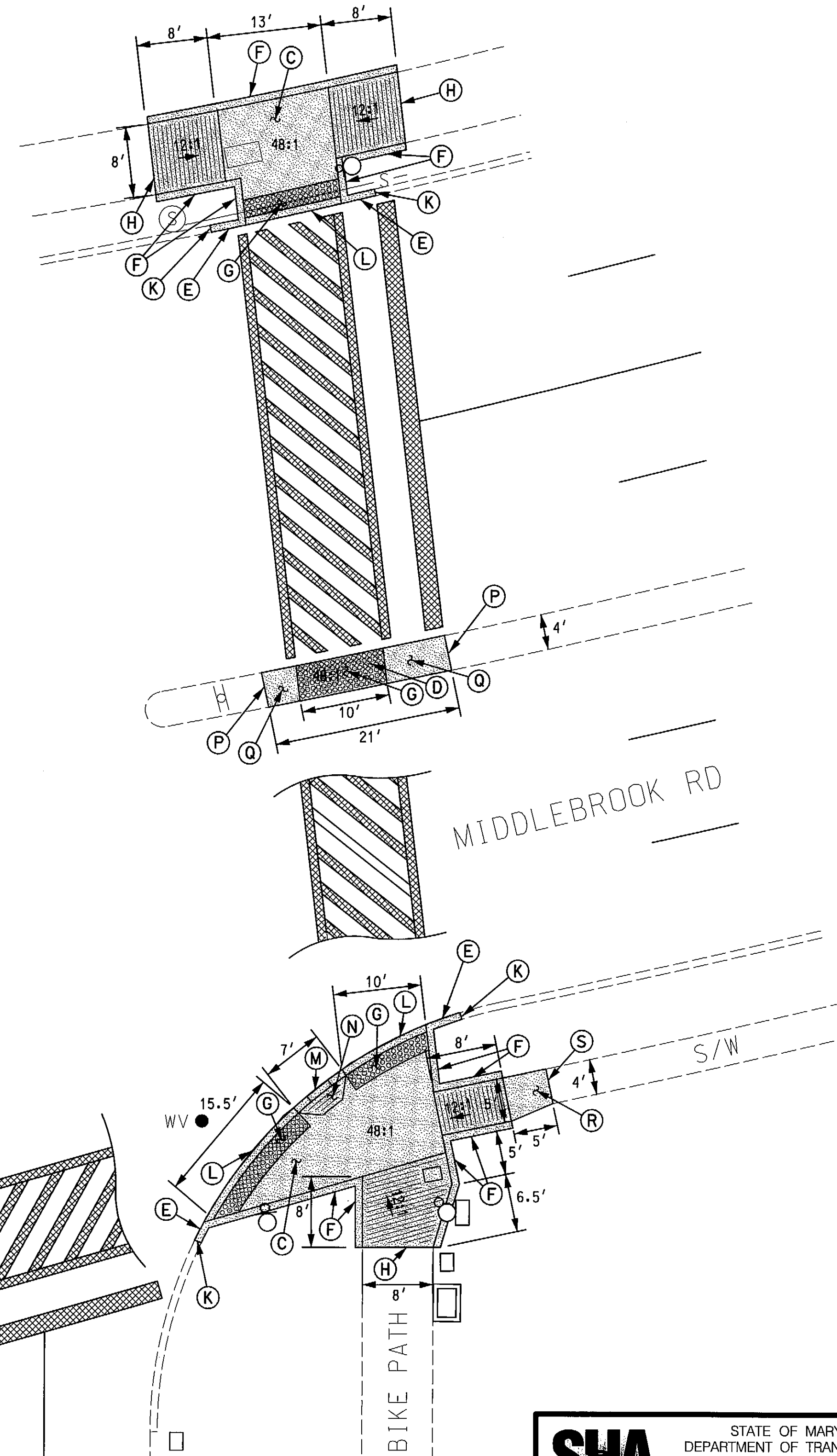
APS NOTES:

1. Pushbuttons are to be located so that they can be activated by a person in a wheelchair reaching less than 18" from a 60"x 60" level landing area with a cross slope of less than or equal to 2%.
2. The 10' separation between pushbuttons is to be measured from face of pushbutton, not center to center of pole.
3. Pushbutton arrows are to be parallel to the crossing for which they are intended.
4. Location of accessible pedestrian signal pushbuttons must meet location requirements of MUTCD Sec. 4E.09 and Fig. 4E.2, and the NCHRP publication, "Accessible Pedestrian Signals: Guide To Best Practice". If not met, the contractor is to stop work on pushbutton locations until a design waiver is obtained, approved by the director, Office Of Traffic and Safety.
5. APS will function as follows:
TO CROSS MIDDLEBROOK ROAD
 - a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross Middlebrook at Great Seneca wait."
 - b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.TO CROSS GREAT SENECA HIGHWAY
 - a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross Great Seneca at Middlebrook wait."
 - b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.

CONSTRUCTION DETAILS TO BE INSTALLED BY MONTGOMERY COUNTY CONTRACTOR

- A. Install combination sidewalk ramp (Std No. MD 655.13).
- B. Install parallel sidewalk ramp (Std No. 655.12).
- C. Install perpendicular sidewalk ramp (Std No. 655.11).
- D. Install median cut-through ramp (Std No. 655.21).
- E. Install standard Type 'A' combination curb and gutter (Standard No. MD 620.02)
- F. Install 8" curb as shown.
- G. Install detectable warning surface (Std NO. MD 655.40).
- H. Tie in ramp with existing sidewalk at joint.
- J. Tie in ramp with proposed sidewalk as shown.
- K. Tie new curb to existing curb at joint.
- L. Install standard Type "A" combination curb and gutter (Standard No. MD 620.02)(depressed)
- M. Install standard Type "A" combination curb and gutter (Std No. MD 620.02). Slope curb from grade to 3" in 2' with 3' of 3" curb and slope back to grade in 2'.
- N. Install sidewalk sloped from top of curb to 48:1 in 2'.
- O. Proposed sidewalk (detailed on Montgomery County Roadway Improvement Plan).
- P. Remove existing monolithic median at joint.
- Q. Install monolithic median as shown.
- R. Install sidewalk section as shown.
- S. Sawcut existing macadam sidewalk. Tie Proposed sidewalk with existing macadam sidewalk.

MD 119
(GREAT SENECA HWY)



SKA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION	
MD 119 (GREAT SENECA HIGHWAY) AND MIDDLEBROOK ROAD GERMANTOWN, MARYLAND	
ADA RAMP DETAIL PLAN	
SCALE 1"= 10' DATE 12-13-11 CONTRACT NO. M071A55/B55	
DESIGNED BY R R ZACHERL	COUNTY Montgomery
DRAWN BY W J NIES	LOGMILE 15011907.47
CHECKED BY	TMS NO. K881
F.A.P. NO.	TOD NO.
TS NO. 4367D	DRAWING NO. 2 OF 3
SHEET NO. OF	